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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known		
Sheet		1	of	14	Application Number	10/759,985
					Filing Date	January 16, 2004
					First Named Inventor	Schinazi <i>et al.</i>
					Group Art Unit	1623
					Examiner	Crane, Lawrence E.
					Attorney Docket Number	18085.105326 EMU 133 CON 5

4742181 1.DOC

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pgs, Clmns, Lns, Where Relevant Passages/Relevant Figs Appear
		Number	Kind Code (if known)			
	AA	3,116,282	A	Hunter	12-31-1963	
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				Examiner Name	Crane, Lawrence E.
Sheet	2	of	14	Attorney Docket Number	18085.105326 EMU 133 CON 5

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		Number	Kind Code (if known)			
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	BB	5,329,008	A	Partridge et al.	07-12-1994	
	BC	5,409,906	A	Datema et al.	04-25-1995	
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		Office ³	Number	Kind Code ² (if known)				
	BX	DE	1 620 047		Merck	03-17-1970		
	BY	EP	0 206 497	B1	Wellcome Foundation LTD	07-20-1994		
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Sheet	3	of	14		

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		Office ³	Number	Kind Code ² (if known)				
	CA	EP	0 375 329	A2	Wellcome Foundation LTD	06-27-1990		
	CB	EP	0 382 526	A2	IAF BioChem Int'l	08-16-1990		
	CC	EP	0 409 227	A2	Akad Wiss DDR	01-23-1991		
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	CF	EP	0 515 144	A1	BioChem Pharma	11-25-1992		
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	CAG	WO	94/14456	A1	Biochem Pharma	07-07-1994		

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		Office ³	Number	Kind Code ² (if known)				
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS								
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						T 6
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	EA	BALZARINI <i>et al.</i> , "5-Chloro-substituted Derivatives of 2', 3'-Didehydro-2', 3'-dideoxyuridine, 3-Fluoro-2', 3'-dideoxyuridine and 3'-Azido-2', 3'-dideoxyuridine as Anti-HIV Agents," <i>Biochem. Pharmacology</i> , 38(6), 869-874 (1989).	
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				Examiner Name	Crane, Lawrence E.
Sheet	7	of	14	Attorney Docket Number	18085.105326 EMU 133 CON 5

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				Filing Date	January 16, 2004
				First Named Inventor	Schinazi <i>et al.</i>
				Group Art Unit	1623
				Examiner Name	Crane, Lawrence E.
Sheet	11	of	14	Attorney Docket Number	18085.105326 EMU 133 CON 5

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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	KA	PAI <i>et al.</i> , "Inhibition of Hepatitis B Virus by a Novel L-Nucleoside, 2'-Fluoro-5-Methyl-.beta.-L-Arabinofuranosyl Uracil," <i>Antimicrob. Agents and Chemother.</i> , 40(2):380-386 (February 1996).	
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	KC	PAINTER <i>et al.</i> , <i>Chem. Abst.</i> 118(6):45750r (1992).	
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	KE	PHILPOTT <i>et al.</i> , "Evaluation of 9-(2-phophonylmethoxyethyl) adenine therapy for feline immunodeficiency virus using a quantitative polymerase chain reaction," <i>Vet. Immunol. and Immunopathol.</i> , 35:155-166 (1992).	
	KF	PIRKLE and POCHANSKY, "Chiral Stationary Phases for the Direct LC Separation of Enantiomers," <i>Advances in Chromatography</i> , Giddings, J.C., Grushka, E., Brown, P.R., eds.: Marcel Dekker: New York, 1987; vol. 27, Chap. 3, pp. 73-127.	
	KG	RICHMAN, D. D., "The Toxicity of Azidothymidine (AZT) in the Treatment of Patients with AIDS and AIDS-Related Complex," <i>N. Eng. J. Med.</i> , 317(4):192-197 (July 23, 1987).	
	KH	ROBINS <i>et al.</i> , "Purine Nucleosides. XXIX. The Synthesis of 2'-Deoxy-L-adenosine and 2'-Deoxy-L-guanosine and Their Alpha Anomers," <i>J. Org. Chem.</i> , 87:636-639 (March 1970).	
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	KJ	SATSUMABAYASHI, S. <i>et al.</i> , "The Synthesis of 1,3-Oxathiolane-5-one Derivatives," <i>Bull. Chem. Soc. Japan</i> , 45:913-915 (March 1972).	
	KK	SCHINAZI, R.F., <i>et al.</i> , "Antiviral Drug Resistance Mutations in Human Immunodeficiency Virus Type 1 Reverse Transcriptase Occur in Specific RNA Structural Regions," <i>Antimicrobial Agents and Chemotherapy</i> , 38(2):268-274 (February 1994).	
	KL	SCHINAZI, R.F., <i>et al.</i> , "Characterization of Human Immunodeficiency Viruses Resistant to Oxathiolane-Cytosine Nucleosides," <i>Antimicrobial Agents and Chemotherapy</i> , 37(4):875-881 (April 1993).	
	KM	SCHINAZI, R.F., <i>et al.</i> , "Pure Nucleoside Enantiomers of .beta.-2',3'-Dideoxycytidine Analogs Are Selective Inhibitors of Hepatitis B Virus In Vitro," <i>Antimicrobial Agents and Chemotherapy</i> , 38(9):2172-2174 (Septmeber 1994).	

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Sheet	12	of	14	Attorney Docket Number	18085.105326 EMU 133 CON 5

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	LA	SCHINAZI, R.F., <i>et al.</i> , "Activities of the Four Optical Isomers of 2',3'-Dideoxy-3'-Thiacytidine (BCH-189) against Human Immunodeficiency Virus Type 1 in Human Lymphocytes," <i>Antimicrobial Agents and Chemotherapy</i> , 36(3):672-676 (March 1992).	
	LB	SCHINAZI, R.F., <i>et al.</i> , "Insights into HIV Chemotherapy," <i>AIDS Research and Human Retroviruses</i> 8(6):963-990 (1992).	
	LC	SCHINAZI, R.F., <i>et al.</i> , "Pharmacokinetics and Metabolism of Racemic 2',3'-Dideoxy-5-Fluoro-3'-Thiacytidine in Rhesus Monkeys," <i>Antimicrobial Agents and Chemotherapy</i> , 36(11):2432-2438 (November 1992).	
	LD	SCHINAZI, R.F., <i>et al.</i> , "Selective Inhibition of Human Immunodeficiency Viruses by Racemates and Enantiomers of cis-5-Fluoro-1-[2-(Hydroxymethyl)-1,3-Oxathiolan-5-yl]Cytosine," <i>Antimicrobial Agents and Chemotherapy</i> , 36(11):2423-2431 (November 1992).	
	LE	SCHINAZI, R.F., <i>et al.</i> , "Substrate Specificity of Escherichia Coli Thymidine Phosphorylase for Pyrimidine Nucleoside with an Anti-Human Immunodeficiency Virus Activity," <i>Biochemical Pharmacology</i> , 44(2):199-204 (1992).	
	LF	SECRIST <i>et al.</i> , "Resolution of Racemic Carbocyclic Analogues of Purine Nucleosides Through the Action of Adenosine Deaminase Antiviral Activity of the Carbocyclic 2'-Deoxyguanosine Enantiomers," <i>J. Med. Chem.</i> , 30:746-749 (1987).	
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	LL	SPADARI <i>et al.</i> , "L-Thymidine Is Phosphorylated by Herpes Simplex Virus Type 1 Thymidine Kinase and Inhibits Viral Growth," <i>J. Med. Chem.</i> , 35(22):4214-4220 (1992).	
	LM	STERZYCKI, R.Z., <i>et al.</i> , "Synthesis and anti-HIV activity of several 2'-fluoro-containing pyrimidine nucleosides," <i>J. Med. Chem.</i> , 33(8):2150-2157 (1990).	

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Sheet	13	of	14	Attorney Docket Number	18085.105326 EMU 133 CON 5

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	MA	STORER, R., <i>et al.</i> , "The Resolution and Absolute Stereochemistry of the Enantiomeris of cis-1-[2-(Hydromethyl)]-1,3-Oxathiolan-5-yl]cytosine (BCH189): Equipotent Anti-HIV Agents," <i>Nucleosides & Nucleotides</i> , 12(2):225-236 (1993).	
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	ME	TISDALE <i>et al.</i> , "Rapid In Vitro Selection of Human Immunodeficiency Virus Type 1 Resistant to 3'-Thiacytidine Inhibitors Due to a Mutation in the YMDD Region of Reverse Transcriptase," <i>Proc. Nat. Acad. Sci. USA</i> , 90:5653-5656 (June 1993).	
	MF	TSURIMOTO, Toshiki, <i>et al.</i> , "Stable Expression and Replication of Hepatitis B Virus Genome in an Integrated State in a Human Hepatoma Cell Line Transfected with the Cloned Viral DNA," <i>Proc. Natl. Acad. Sci. USA</i> , 84:444-448 (January 1987).	
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	MI	VOLK, Wesley, A., editor, "Hepatitis," <i>Essentials of Medical Microbiology</i> , J.B. Lippincott Company, (Philadelphia/Toronto), 2nd Ed., pp. 609-618 (1982).	
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	MK	WILSON <i>et al.</i> , "The 5'-Triphosphates of the (1) and (+) Enantiomers of cis-5-Fluoro-1-[2-(Hydroxymethyl)-1,3-Oxathiolane-5-yl]Cytosine Equally Inhibit Human Immunodeficiency Virus Type 1 Reverse Transcriptase," <i>Antimicrob. Agents and Chemother.</i> , 37(8):1720-1722 (August 1993).	
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	NA	YOKOTA <i>et al.</i> , "Comparative Activities of Several Nucleoside Analogs Against Duck Hepatitis B Virus In Vitro," <i>Antimicrobial Agents and Chemotherapy</i> , 34(7):1326-1330 (July 1990).	
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